

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time: December 30, 2002 – Monday / 3:35 PM

Site Contact: Michael Bemski
Phone: 303-966-4090

Regulatory Contacts: Carl Spreng, CDPHE, 303-692-3358
Mark Aguilar, EPA, 303-312-6251

Purpose of Contact: Use of Propylene Glycol as antifreeze for dust suppression water at the 903 Pad

Discussion

When subfreezing temperatures have been encountered in association with the 903 Pad, we have had repeated problems resulting from the freezing of lines and pumps on the water trucks. The water trucks supply the water for dust suppression on soil excavations on the pad. Without water, no new excavation is allowed. A solution to the problem is to use Propylene Glycol as antifreeze in association with the water trucks, either as a component in a mixture with water inside the tank of the truck or use Propylene Glycol in the lines and pumps after flushing out the tank. Consultations with Site Nuclear Safety, Criticality Safety, Fire Safety, Industrial Hygiene, Air Quality and Environmental resulted in Site approval for the above uses of Propylene Glycol. In a phone discussion on Friday, 12/27, with Carl Spreng, he approved the use, and today, in a discussion with Mark Aguilar, he also approved the use. Propylene Glycol is already in use on Site and we will borrow necessary quantities immediately while obtaining a supply.

Contact Record Prepared By: Michael Bemski

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